

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 66   | ink and solvent and ethomeen   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/17 16:54 |
| S2    | 1    | S1 and (polyethylene adj oxide polyoxyethylene) near5 sulfate  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/17 16:55 |
| S3    | 572  | ink and solvent and ((self-dispers\$7 self adj dispers\$7 mmc mac\$1molecular adj chromophore modif\$4 surface treat\$6) same (colorant pigment dye)) and (polyethylene adj oxide polyoxyethylene) near5 sulfate     | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/17 16:57 |
| S4    | 185  | S3 and (surfactant same (ethomeen alkylamine alkyl adj amine alkyl\$1amine\$1))  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/17 17:13 |
| S5    | 179  | S3 and (surfactant same (ethomeen (polyoxyethylene near alkylamine) (polyoxyethylene near alkyl adj amine) alkyl\$1amine\$1))  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/18 18:38 |
| S6    | 36   | ink and (anionic adj surfactant and nonionic adj surfactant).ab.   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/18 18:28 |
| S7    | 11   | (ink and anionic adj surfactant and nonionic adj surfactant).ab.   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/18 19:00 |
| S8    | 1026 | ink and solvent and ((sodium near polyoxyethylene near3 sulfate near ether) same (ethomeen (polyoxyethylene near alkylamine) (polyoxyethylene near alkyl adj amine) alkyl\$1amine\$1)(amine adj oxide aromox amito)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/18 18:53 |
| S9    | 573  | ink and solvent and ((self-dispers\$7 self adj dispers\$7 mmc mac\$1molecular adj chromophore modif\$4 surface treat\$6) same (colorant pigment dye)) and (polyethylene adj oxide polyoxyethylene) near5 sulfate     | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/08/18 18:44 |
| S10   | 180  | S9 and (surfactant same (ethomeen (polyoxyethylene near alkylamine) (polyoxyethylene near alkyl adj amine) alkyl\$1amine\$1))  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/09/01 18:28 |
| S11   | 975  | S8 not (S7 S6 S10)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/18 18:46 |
| S12   | 764  | S11 and (colorant coloring pigment)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/18 18:48 |

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| S13 | 20  | S12 and 106/31.89,31.59.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/18 18:49 |
| S14 | 9   | ink and solvent and ((sodium near polyoxyethylene near3 sulfate near ether) same (ethomeen (polyoxyethylene near alkylamine) (polyoxyethylene near alkyl adj amine) alkyl\$1amine\$1 (amine adj oxide aromox amito))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/18 18:54 |
| S15 | 185 | (ink and anionic adj surfactant and nonionic adj surfactant)  | EPO; JPO;<br>DERWENT                        | OR | ON | 2005/08/18 19:01 |
| S16 | 151 | S15 and (water aqueous)   | EPO; JPO;<br>DERWENT                        | OR | ON | 2005/08/18 19:02 |
| S17 | 48  | S16 and pigment   | EPO; JPO;<br>DERWENT                        | OR | ON | 2005/08/18 19:03 |
| S18 | 13  | ink same ethomeen   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/09/01 18:29 |
| S19 | 4   | S18 and (anionic near surfactant)   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/09/01 18:35 |
| S20 | 4   | S19 and (mixture combination)   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/09/01 18:31 |
| S21 | 3   | S19 and ((mixture combination) same surfactant)   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/09/01 18:32 |
| S22 | 4   | S18 and (anionic near (dispers\$4 surfactant))  | US-PGPUB;<br>USPAT                          | OR | ON | 2005/09/01 18:35 |
| S23 | 10  | ("20020038614"   "20020040660"   "20020139280"   "20030079647"   "5594044"   "5785745"   "6036759"   "6048390"   "6264731"   "6500880").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/09/01 18:55 |
| S24 | 7   | S23 and pigment and anionic near surfactant   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/09/01 18:56 |
| S25 | 9   | ink and solvent and ((sodium near polyoxyethylene near3 sulfate near ether) same (ethomeen (polyoxyethylene near alkylamine) (polyoxyethylene near alkyl adj amine) alkyl\$1amine\$1 (amine adj oxide aromox amito))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 19:00 |
| S26 | 15  | "9" and polyoxyethylene near oleyl near ether near sulfate  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 19:01 |

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| S27 | 0 | S25 and polyoxyethylene near<br>oleyl near ether near sulfate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 19:01 |
| S28 | 2 | S26 and "106"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 19:02 |